LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081484.D
Acq On : 6 Sep 2015 1:34
Operator : UM/IZ
Sample : G3519-04
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP208BR-29-31

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.410	243	247	261	rVB	550803	1119667	50.93%	6.442%
2	4.913	288	291	293	rBV	1547835	1970561	89.63%	11.338%
3	6.033	386	389	391	rBV	1800504	2198501	100.00%	12.649%
4	6.124	395	397	399	rBV	1937554	1783971	81.14%	10.264%
5	6.353	415	417	420	rBV	396714	363751	16.55%	2.093%
6	6.513	428	431	433	rBV	1617206	1407044	64.00%	8.096%
7	6.936	465	468	470	rBV	1256705	1226749	55.80%	7.058%
8	7.644	528	530	532	rBV	556241	466149	21.20%	2.682%
9	8.730	622	625	627	rBV	2084314	1900121	86.43%	10.933%
10	9.130	658	660	663	rBV	319595	258887	11.78%	1.490%
11	9.382	680	682	685	rVB	505460	464276	21.12%	2.671%
12	10.170	748	751	753	rBV	1223136	1222449	55.60%	7.034%
13	10.845	808	810	813	rBV	498603	464770	21.14%	2.674%
14	11.428	859	861	868	rBV	31937	44384	2.02%	0.255%
15	12.296	934	937	939	rBV	142185	191405	8.71%	1.101%
16	12.365	942	943	946	rVB	34265	29745	1.35%	0.171%
17	12.434	946	949	951	rBV	1461470	1335005	60.72%	7.681%
18	12.994	995	998	1000	rBV	142000	148671	6.76%	0.855%
19	13.039	1000	1002	1006	rVB	21133	33445	1.52%	0.192%
20	13.359	1028	1030	1033	rBV	26951	33199	1.51%	0.191%
21	13.451	1036	1038	1041	rBV	346990	339393	15.44%	1.953%
22	13.679	1056	1058	1060	rBV	32970	31772	1.45%	0.183%
23	13.977	1082	1084	1086	rBV	29578	27724	1.26%	0.160%
24	14.239	1105	1107	1109	rBV	37897	50486	2.30%	0.290%
25	14.274	1109	1110	1112	rVB	30598	22558	1.03%	0.130%
26	14.765	1151	1153	1155	rBV	218685	245563	11.17%	1.413%

Sum of corrected areas: 17380246

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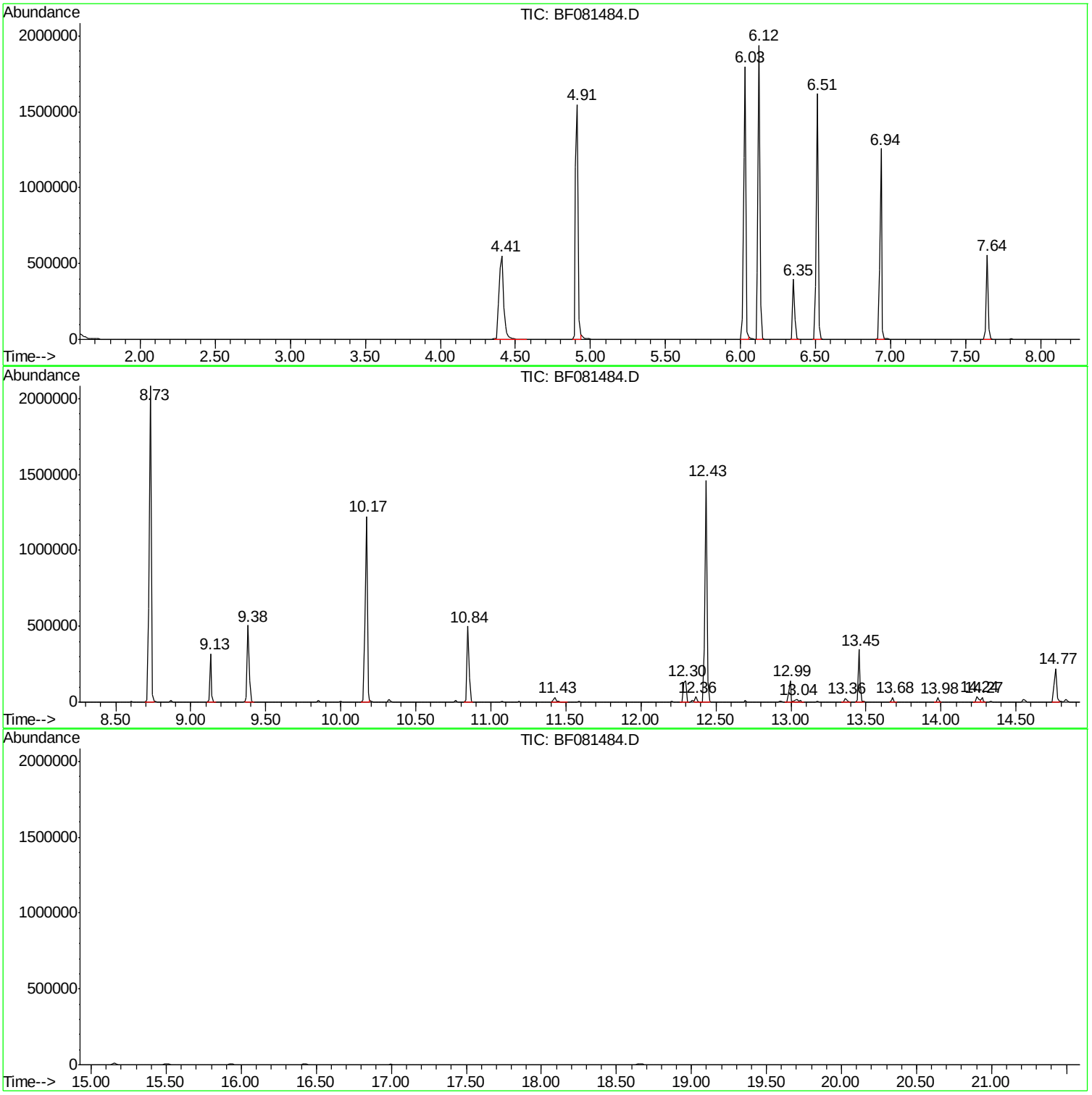
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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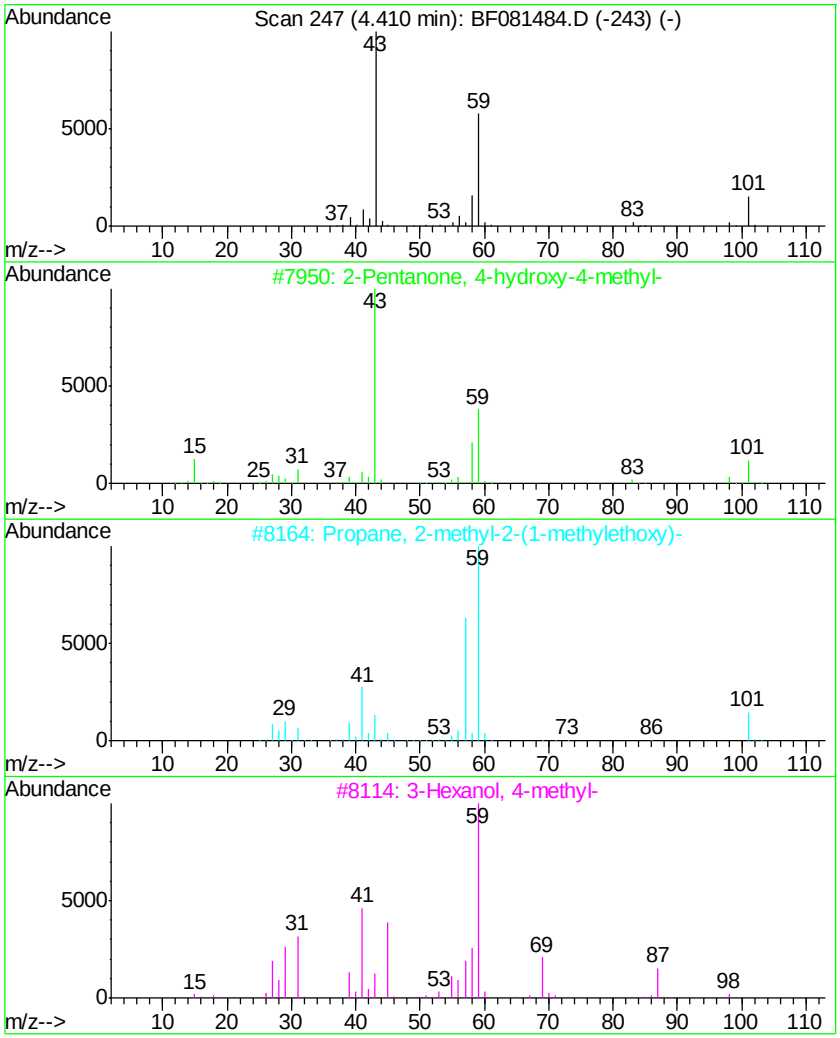
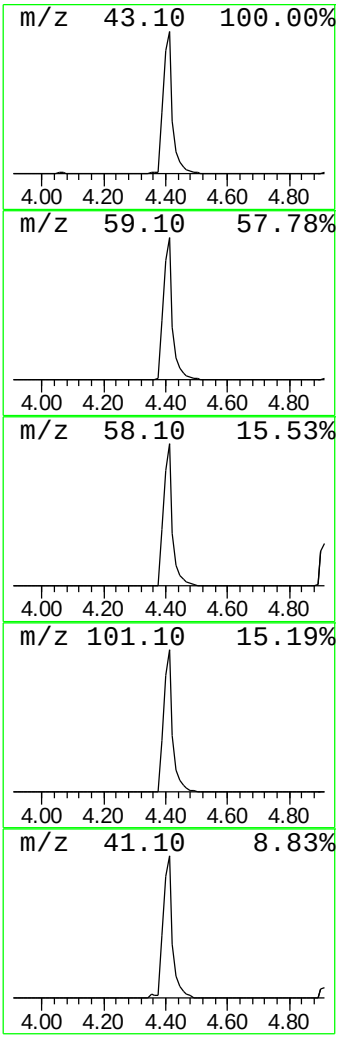
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	61.56 ng	1119670	1,4-Dichlorobenzene-d4	6.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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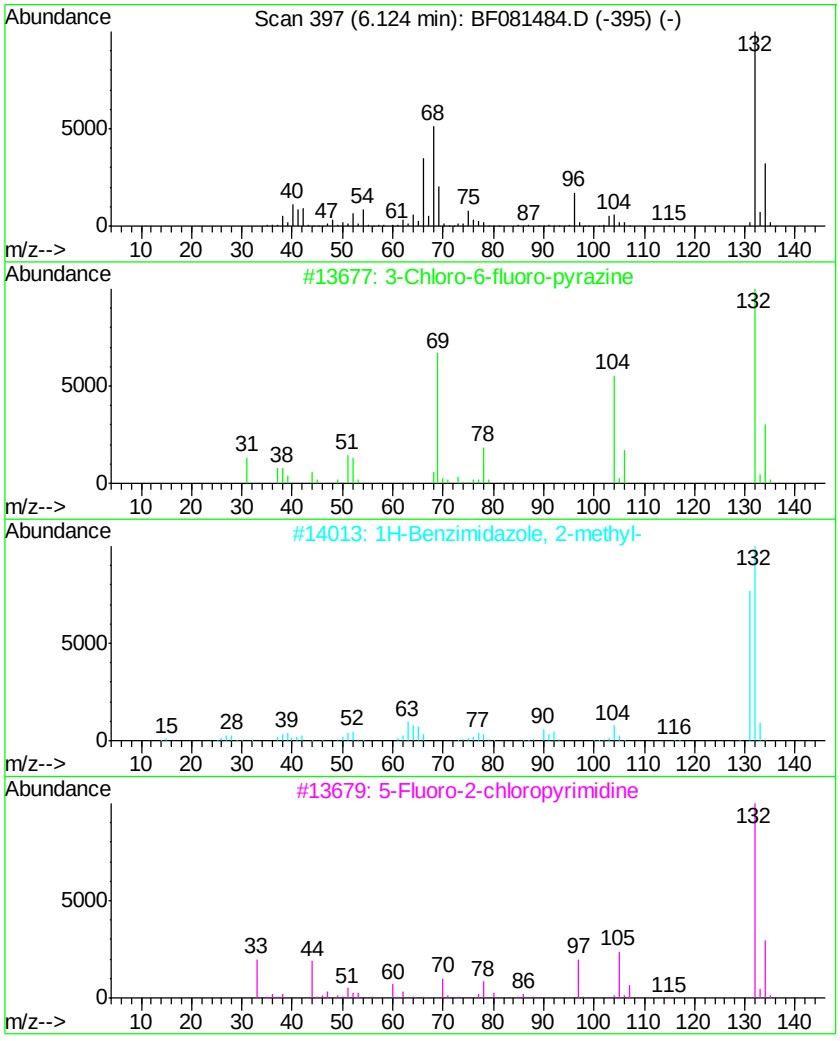
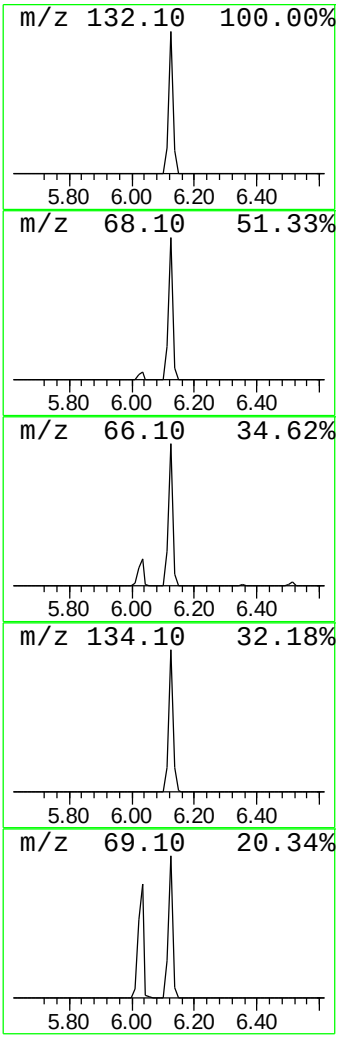
Peak Number 2 unknown6.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	98.09 ng	1783970	1,4-Dichlorobenzene-d4	6.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





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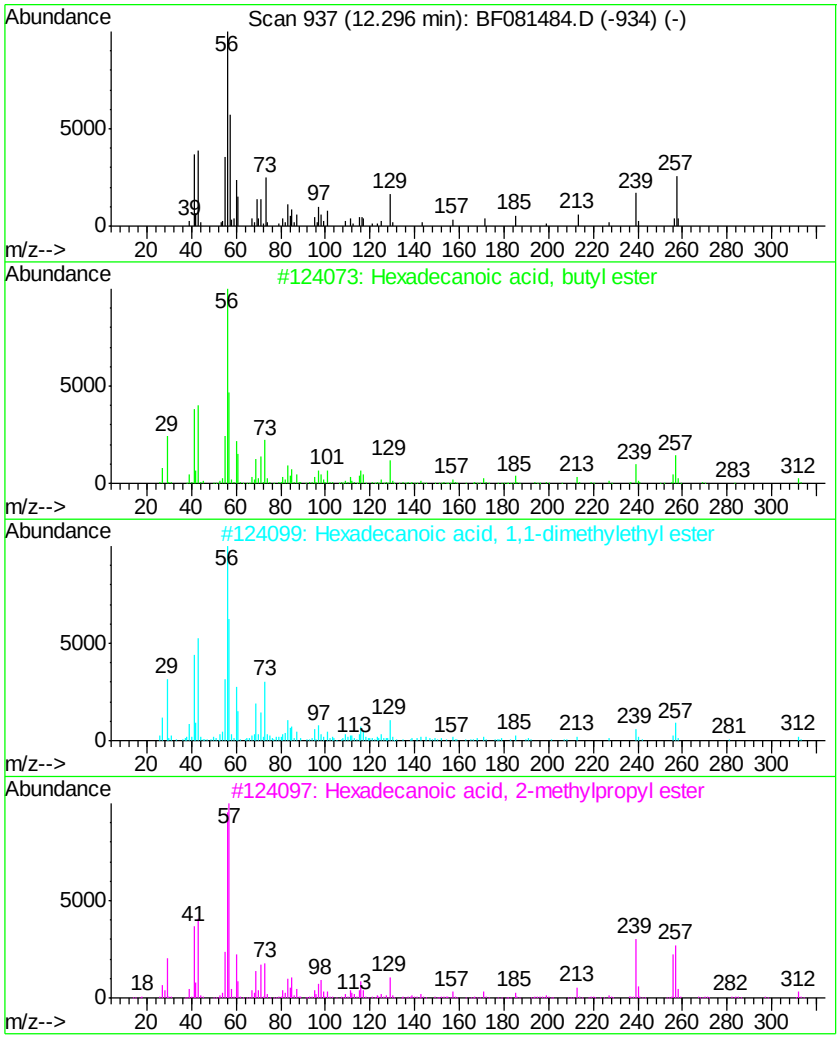
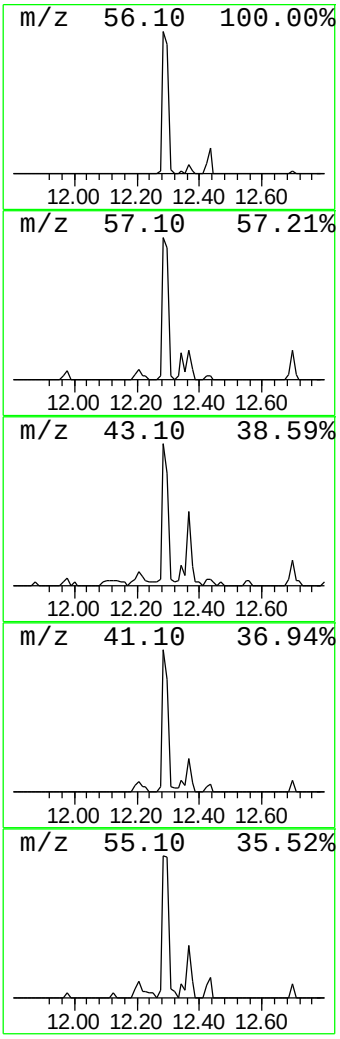
Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	11.28 ng	191405	Chrysene-d12	13.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	83
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	72
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	38
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27





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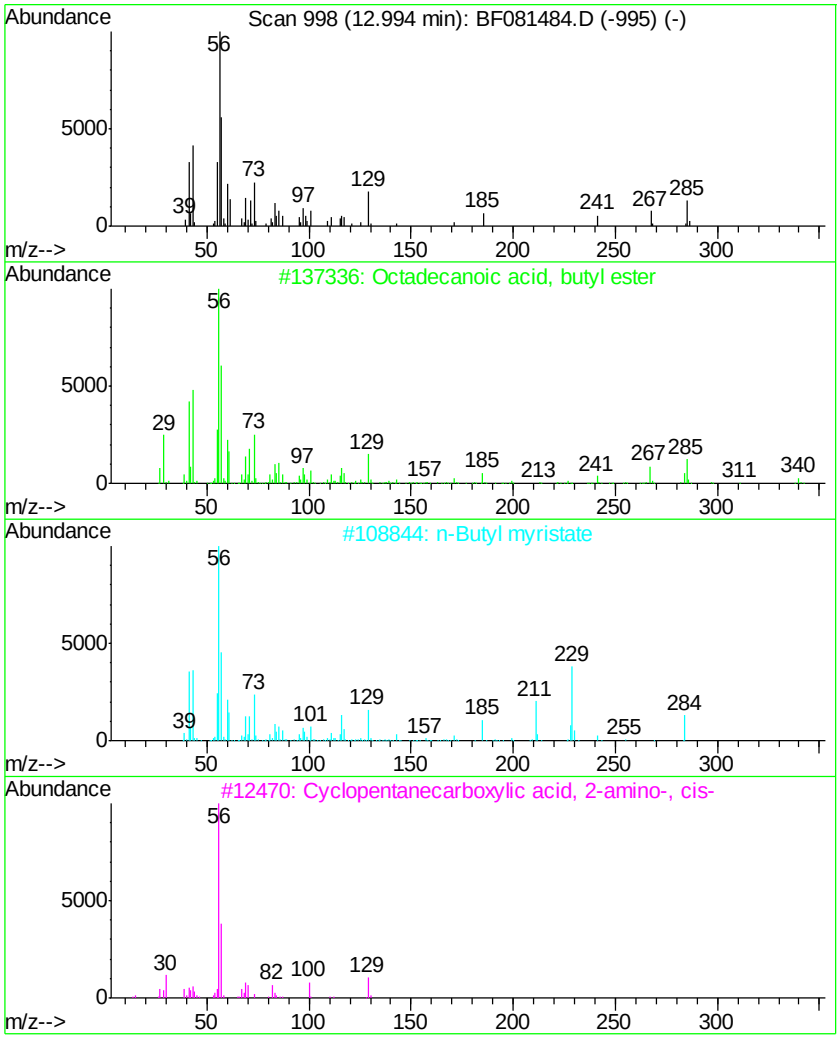
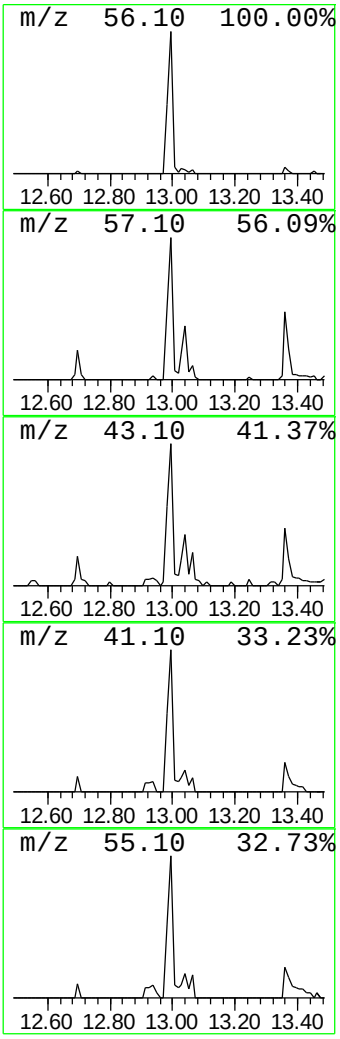
Peak Number 5 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	8.76 ng	148671	Chrysene-d12	13.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2	n-Butyl myristate	284	C18H36O2	000110-36-1	78
3	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	37
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	35
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	35





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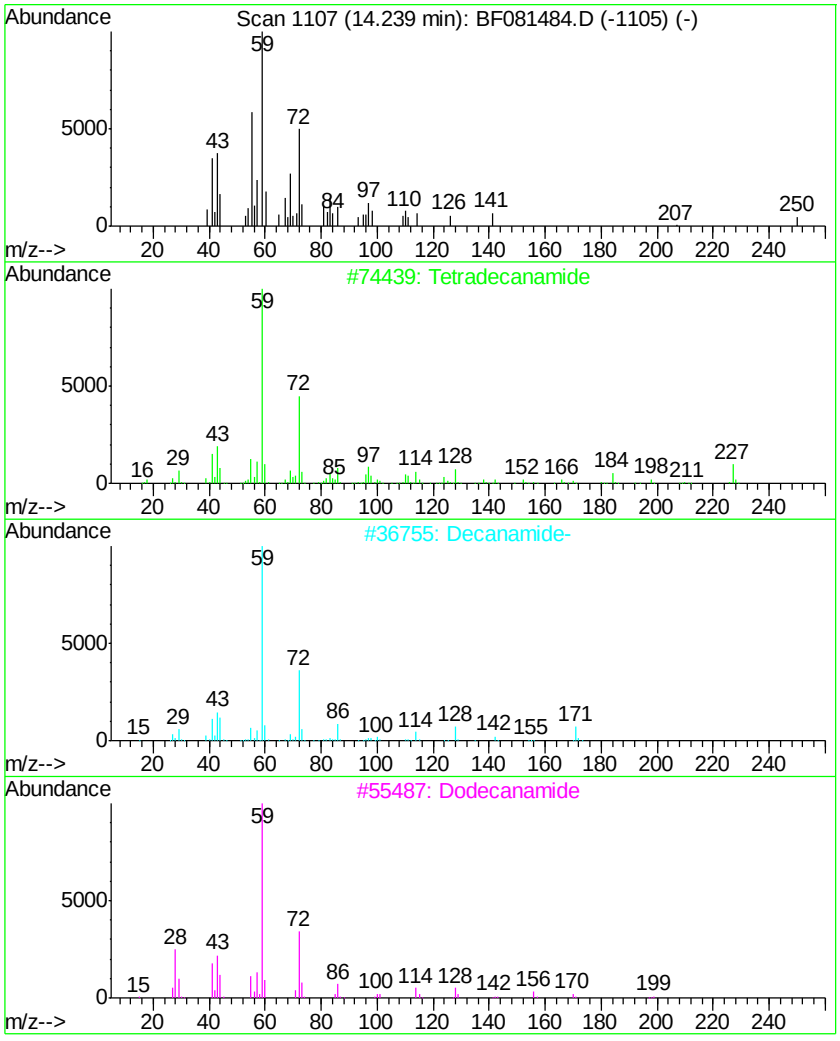
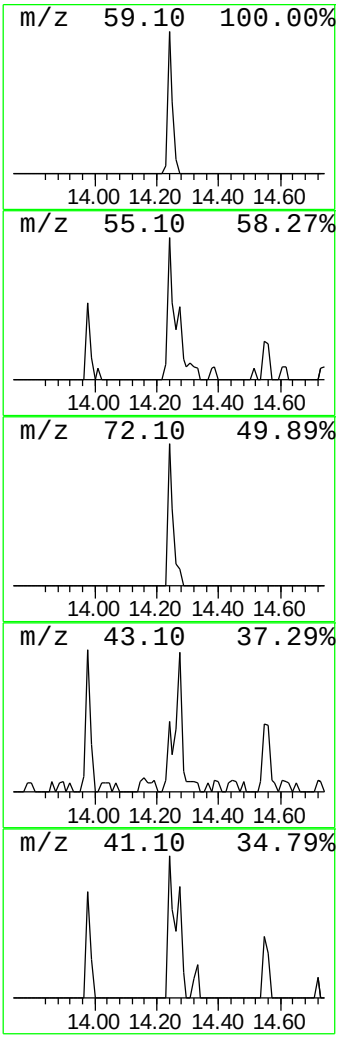
Peak Number 6 Tetradecanamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	4.11 ng	50486	Perylene-d12	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	78
2	Decanamide-	171	C10H21NO	002319-29-1	72
3	Dodecanamide	199	C12H25NO	001120-16-7	56
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	56
5	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	50





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.41	61.6	ng	1119670	1	6.35	363751	20.0
unknown6.12	6.12	98.1	ng	1783970	1	6.35	363751	20.0
Hexadecanoic acid...	12.30	11.3	ng	191405	5	13.45	339393	20.0
Octadecanoic acid...	12.99	8.8	ng	148671	5	13.45	339393	20.0
Tetradecanamide	14.24	4.1	ng	50486	6	14.77	245563	20.0